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SEP 30 1991

56,294

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :

LEONARD C. VERCELLOTTI ET AL. : Group Art Unit:

Serial No.: :

Filed: :

For: ELECTRONIC IDENTIFICATION :
TAG INTERROGATION METHODINFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15219

September 16, 1991

Hon. Commissioner of Patents and Trademarks
 Washington, D.C. 20231

Sir:

In accordance with 37 CFR 1.97, applicants hereby
 notify the Patent Office of certain prior art known to
 them in addition to that disclosed in the application.
 That prior art includes United States patent No. 4,471,345
 to Barrett, Jr. A copy of the Barrett, Jr. patent is
 enclosed for the Examiner's convenience.

Barrett, Jr. discloses a randomized tag to portal
 communication system in which communication between portal
 units and identification tags is accomplished by
 continually radiating an interrogation signal consisting

of a code pattern from each portal unit followed by a listening interval. Tags within range of the interrogation signal tests the incoming signals for frequency, bit duration, bit rate, a preamble code and a facility identifying code. If the tag receives a valid signal to which it has been preprogrammed, the signal synchronizes and initiates a plurality of tag responses within a given overall response interval and with each response transmitted during randomly selected time slot.

Respectfully submitted,



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